GRUMMAN
plane news

Vol. 42, No. 8, May 13, 1983, Bethpage, N.Y. 11714

Video connection. *From now on, all F-14 Tomcats rolling off the production line will feature the Television Camera system (TCS). See story on page 3. (Photo by Gerry Costello)*

Glen Arm set for expansion - pg. 3

Take stock in America - pg. 3

Family pride

Seven Grumman children win scholarships - pg.4

March on. *Leading the Grumman marchers on April 24 were Grumman President Joe Gavin (at L with Sr. Vice President Larry Mead) and GAC President George Skurla (photo at R). March of Dimes will hold another walkathon on June 5; call (516) 433-7000 for more info. (Photos by Gerry Costello)*

WalkAmerica '83

Deluge drenches Grumman marchers

"I'm not sure if I walked or swam," said one Grumman walker, as he tore off a shredded orange plastic golf suit. Along with more than 400 fellow Grummanites, he fought the monsoon on Sunday, April 24, and walked in the March of Dimes' annual fundraiser.

The high winds and heavy rains forced WalkAmerica officials to call off the walkathon just as many of the walkers reached the first checkpoint. Twenty-three members of the Grumman Running Club didn't heed the cancellation call and completed the 18-km course. They raised $3,100 for the fight against birth defects.

It's still too early to find out how much money the 400-plus Grummanites raised. The soaked sponsor sheets are still drying out. But early returns indicate that the walkers' sponsors are good sports, too. "Every one of my sponsors donated as if I completed the whole course," reported one Grumman participant.

obituaries

DANIEL H. REYNOLDS JR., of Major Assembly, Pl. 3, died April 18 at the age of 44. He had been with the company since 1956 and resided at 14 Glen Lane, Glenwood Landing.

ARRIGO PREDONZAN of Manpower Budget and Cost Stat., Pl. 6, died April 25 at the age of 62. He had been with the company since 1960 and resided at 93 Edgewood Ave., Smithtown.

Personals

My family and I wish to thank everyone in Communications for their kind expressions of sympathy for the loss of my brother Stanley. Lauretta Kinscherf and Family

I would like to express my sincere appreciation to everyone for their expressions of sympathy and kindness during the recent loss of my sister. Bob Olson

My family and I would like to express our deepest appreciation to everyone for their expressions of sympathy and kindness during the recent loss of my mother. Bill Flanagan and Family

My family and I wish to express our gratitude for the kind expressions of sympathy during the recent loss of our mother, Coula Evangelides. Nicholas Evangelides and Family

My family and I wish to express our sincere thanks to everyone for their kind thoughts and expressions of sympathy during the recent loss of my brother, Gerald. Frances McGunnigle

My family and I wish to express our sincere thanks to all who remembered us during the recent loss of my mother, Sophie Mashkow. Walter Mashkow

My family and I wish to thank our friends at Grumman for their sympathy during the recent loss of my father. Sheldon Feitlin

My family and I appreciate everyone's concern and sympathy during the last months of my father's illness. Thank you for all your support. Chris Spadaro and Family

My family and I wish to thank my many friends and co-workers for their prayers and expressions of deep sympathy and condolences on the loss of my dear wife, Frances. Also, for your many calls, cards, flowers and prayers during my recent recuperation from heart surgery. Jim Benizzi and Family

calendar

Aikido Club: (Martial Arts) every Wed., 5 p.m., Recreation bldg. Beginners class. Guests welcome. M. Brooks, Ext. 115-6171/H. Brondo, Ext. 2719

Alcoholics Anonymous: every Mon., 4:30 p.m., Pl. 15, conference room C, closed meetings; Personnel Relations, Ext. 3521, Great River meetings: every Wednesday, 4-5 p.m. T. Connolly, Ext. 3521, Calverton: Chemical Dependency Discussion Group, every Mon., 4-5 p.m., Guard Hdq.; open meeting. Personnel, 369-6759, C. Robb, Ext. 117-7038

Amateur Radio Club: every 3rd Wednesday of the month. Plant 5 conference room BD-1, 5 p.m. B. Wengler, Ext. 4187

American Society of Mechanical Engineers: Sat., May 14, LILCO, Holtsville, 11:00 a.m. Guided tour. Guests welcome. E. Lee, Ext. 9730

Chess Club: every Fri., Recreation bldg., 5 to 11 p.m. Beginner-Expert, guests welcome. K. Marley, Ext. 4901/N. Corso, Ext. 9600

Coin Club: (Calverton) every Fri., noon lunch, Pl. 6, A-6 Action Center conference room. Grumman employees welcome. N. Evangelides, Ext. 117-7242

Computer Club: 1st and 3rd Mondays of every month, Recreation bldg., 5 p.m. Computer discussion and demonstration/beginner to advanced programming. Guests welcome. J. Hayne, Ext. 4945/P. Frumkin, Ext. 5134

Dance Club: every Wed., 5-8 p.m., Recreation bldg. Guests welcome. S. Koppell, Ext. 115-3800

Duplicate Bridge Club: every Thursday, Recreation bldg., 6 p.m. Guests welcome. P. Gill, Ext. 115-8414

Equestrian Club: every weeknight, Knoll Farm, Brentwood, 6 p.m. Grumman employees and immediate family only. J. Eisenhower, 115-6211

Fencing Club: every Wed., 4:30-6:30 p.m., Recreation bldg. Free instructions, guests welcome. J. Hayne, Ext. 4945/P. Chaldaris, Ext 3486

Folk Dancer's Club: (Calverton) every Thurs., 2nd floor, Pl. 6, lunchtime, Grumman employees only. J. Hamelman, Ext. 117-6835

Karate Club: every Tues. and Thurs., Recreation bldg., beginners 4:30 to 5:30 p.m., advanced 5:30 to 7:00 p.m., black belt instructors, physical and mental development; guests welcome. T. Ortiz, Ext. 4555

Model Railroad Society: every Wed., 7 p.m., Recreation bldg. Regular meeting. Guests welcome. R. Muntz, Ext. 6865

Motorcycle Club: 3rd Wed. of each month, Recreation bldg., 5:30 p.m. Guests welcome. J. Mehnert, Ext. 6163

Roller Skating Club: every Thurs., Levittown Skating Rink, 7:30 to 11 p.m. Lessons 6:30 to 7:30 p.m. Guests welcome. H. Denen, Ext. 2291

Stamp Club: First three Wed. of every month; 5-6 p.m., Pl. 35 cafeteria; trading sessions and discussions. S. Hoops, Ext. 3926

Check out. *Grumman engineer John Morrow (L) and weapons technician Andy Novak inspect the first production F-14 equipped with the television camera system. (Photo by Gerry Costello)*

Tomcat goes video with TV camera system

This television show won't make the Nielsen top 10 nor make enemy pilots happy, but it certainly will please F-14 crew members.

The first Tomcat equipped with the Television Camera System (TCS) rolled off the production line at Calverton late last month. The TCS is being incorporated in all production Tomcats from now on.

The camera system, which is built by Northrop, is mounted in a pod located below and behind the plane's nose. The video system has been tested by the Navy in simulated combat trails.

When the crew has to visually identify another aircraft, the TCS will give the crew much earlier identification than with the naked eye by magnifying and displaying the image on the cockpit console.

Grumman plans to expand its Glen Arm, Md. plant

GLEN ARM, MARYLAND, May 4, 1983 — Grumman Aerospace Corporation is expanding its machining operations here with a 108,000-square-foot plant addition.

Grumman is adding to a 62,000-square-foot plant it opened in June 1981, bringing total floor space at Glen Arm to 362,000 square feet. Construction is to begin immediately and be completed by early 1984.

Daniels Construction Company's Richmond, Virginia, office has been awarded a $4 million contract for the project and will use local subcontractors.

When the expanded plant is working at full capacity, there will be 68 numerically-controlled machines in operation at Glen Arm. It is anticipated that as many as 50 machinists and support personnel will be hired increasing the workforce to 300.

The company will locate its numerically-controlled manufacturing of major structural machine parts at the Glen Arm Facility, which is already one of the largest and most-advanced machining operations on the East Coast. Glen Arm's precision-machined aluminum, steel and titanium parts are used on a wide variety of Grumman's military and commercial aircraft.

Room to grow. *Grumman Aerospace's Glen Arm Facility will increase in size from 62,000 to 362,000 square feet of floor space.*

Savings bonds now pay market-based rates

Savings Bonds, hmm? This year's Savings Bond campaign gets underway at Grumman next week. Before you make up your mind and say, "I've got enough of them," there's something you should know.

Savings Bonds now offer you competitive, market-based interest rates, and they continue to have the added benefit of tax deferral until redeemed.

They've always been an easy way to save. Savings Bonds seem to quietly add up, yet it's so easy to turn them into cash. Your money is safe in Savings Bonds with the backing of the U.S. government. At the same time you are backing the government with your investment.

Any Series EE bonds bought on or after November 1, 1982, and held for five years will earn a variable rate equal to 85 percent of the average yield of five-year Treasury securities. This interest is compounded semiannually and will not go below seven-and-a-half percent, as long as you keep the bonds for five years. Should you cash them before the five years are up, the interest earned will be from five-and-a-half to seven-and-a-half percent, depending on how long you've held the bonds.

Any Series E and EE bonds you may have bought between November 1947 and November of last year will also earn market-based interest, if you keep them until November 1987.

Every six months the Treasury will determine the interest. Treasury computes the average market yield during the previous six months of five-year Treasury securities. The Savings Bond interest rate is 85 percent of that figure. The first six-month interest rate under the market-based program is 11.09 percent.

At the end of five years, the average of the 10 semiannual rates, compounded semiannually, determines a bond's five-year yield.

"No one investment vehicle is perfect for every situation," says Grumman Corporation Secretary Bob Bradshaw. "But Savings Bonds continue to offer the advantages of liquidity and safety they always have, with the addition now of a competitive rate of return."

More than 13,000 Grummanites buy U.S. Savings Bonds. Last year they invested over $2.9 million through the payroll savings plan and next week you'll have the opportunity to take advantage of this safe, long-term investment vehicle. Information will be mailed to all Grummanites on Monday, May 16.

Take stock in America. Consider Savings Bonds for the nation and for yourself.

GRUMMAN plane news

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Unit values

Unit Values as of March 31, 1983

Equity Fund. . . . $2.288 (up from $2.224)

Fixed Income Fund. . . . . . $3.413 (up from $3.395)

Guaranteed Income Fund. . . . . . $1.592 (up from $1.576)

Company Stock Fund. . . . . . $54.687 (up from $48.00)

(February 28, 1983 values are in parenthesis)

Introducing the class of '83

Grumman awards 12 scholarships to LI seniors

Across the nation, college-bound high school seniors are faced with the dual problem of meeting rising tuition costs and finding summer employment. Twelve Long Island students have licked both. They have been named 1983 Grumman Science and Engineering Scholarship winners.

Since the company began its scholarship program in 1944, Grumman has awarded close to $3-million to 427 Grumman scholars.

Top dozen

This year's class consists of seven Grumman dependents and five non-dependents. Each will receive $4,000 per year to defray tuition costs at the accredited engineering college of his/her choice. In addition, the 12 winners and four alternates will be employed at Grumman during the summers and are offered permanent jobs after graduation if applicable positions are available.

Of the 329 students applying for the Grumman grants, 50 finalists were interviewed by the Recommendations Committee. "You would feel happy about giving a scholarship to almost any one of them." says Larry Mead, senior vice president for Technical Operations and chairman of the committee.

Mead and the other members of the committee — Renso Caporali, vice president — Advanced Technology Development; Dan Knowles, vice president — Personnel and Administration; Bill Rizzardi, Grumman Data Systems vice president — Development; Bob Fitzpatrick, Grumman Corporation's director of Quality and Safety; and Erwin McCalla, director of Engineering Test Operations — look for a number of things.

"We look for personal characteristics, such as whether or not they're likely to be leaders. You see that from the kinds of activities they're involved in outside of school," Mead explains. "We're also looking to see whether they really want to be aerospace engineers and scientists."

Here are the 1983 winners and alternates:

Karen Christ

Karen Christ, number two in her class at Copiague High School, is the daughter of Karl Christ, a group leader in Manufacturing Scheduling for the A-6/EA-6 program in Plant 40. "She was very excited about winning," said her father. "No one in her school ever won a Grumman scholarship."

Karen is a member of the National Honor Society and a Suffolk County finalist in the Newsday scholarship competition. She also won a letter of commendation in the National Merit Scholarship competition and Long Island Language Fair awards in 1981 and 1982.

At Copiague High School, she belongs to the Student Council and the School Board Advisory Council. She was secretary of the German Club, literary editor of the yearbook, a tutor, a host and participant in the Student Exchange program and a member of Future Business Leaders of America. With all that, she even found time to play on the varsity field hockey team.

Karen hopes to attend Rensselaer Polytechnic Institute (RPI) or Hofstra to study computer science and math.

Matthew Luttinger

Matthew Luttinger is the son of John Luttinger, a senior template maker in Plant 1. John says that his son Matthew is the first of his six children to try for the Grumman scholarship. Matthew is also the first student at North Babylon High School in 24 years to win the Grumman grant.

He is a member of the National Honor Society, as well as being a semi-finalist in the National Merit Program. In addition to belonging to the North Babylon High School's computer and amateur radio clubs, Matthew plays in the marching band and orchestra.

His plans are to attend Stevens Institute or the Massachusetts Institute of Technology (MIT) to study computer science.

Cynthia Monaco

Cynthia Monaco is the daughter of Carmine Monaco who works in Engineering Specifications in Plant 40. "There was no doubt in my mind that she would win," says Carmine. But Cynthia couldn't tell her family about the good news until she came home from Mary Louis Academy in Queens the Monday after Easter recess. The Monaco's telephone was out of order.

But her credentials as a scholarship winner are in order. She's another National Honor Society member and earned a letter of commendation from the National Merit Program. She has won gold and silver awards for piano from the L.I. Music Teachers Association and numerous forensic (debating) awards.

Cynthia plans to attend Princeton University or the University of Pennsylvania to study mechanical engineering, this Fall.

Loretta Ranalli

Loretta Ranalli is currently the top student in her class at Our Lady of Mercy Academy in Syosset. She is the daughter of Ernest Ranalli, the structural analysis section head in Plant 35.

Loretta is a reporter and news editor for her high school newspaper. She is also a member of

The Luttinger family. *With Grumman scholar Matthew are his parents Dorothy and John. John, a senior template maker, says his son is the first Grumman scholarship winner in 24 years at North Babylon High School. The other Luttinger children — John, Kris, Linda, Nancy and Ray — were not available for the family portrait.*

The Christ family. *Eleanore and Karl (L to R), a manufacturing scheduling group leader, took daughters Karen and Irene out to dinner to celebrate Karen's winning a Grumman scholarship.*

the yearbook staff. In addition to being president of the Math club, Loretta is a member of the debate and science clubs.

A member of the National Honor Society, she has received letters of commendation from the National Merit Program and the Long Island Science Fair.

This Autumn, she plans to attend either Cornell University or Notre Dame University to study electrical engineering.

Allie Rogers Jr.

Allie Rogers Jr. is the son of Allie Rogers Sr., a weights engineer in Plant 1. "Allie wants to go to Princeton or the University of Pennsylvania," says the proud father. He plans to study electrical engineering/computer science.

The younger Rogers is a student at Uniondale High School, where he sits on the Student Council Executive Board. A member of the forensic and math teams, the Grumman scholar is also captain of the varsity tennis team. In his spare time, Allie likes to play piano.

He's an American Legion award winner and an RPI Engineering award recipient. Allie is also a member of the National Honor Society.

John Whitson

John Whitson is the son of Charles Whitson, a stress engineering in Plant 1. "As far as anyone can remember, John is one of the first students at St. Dominic's High School in Oyster Bay to win a Grumman scholarship," says Charles.

Currently number three in his class, John is president of the National Honor Society at St. Dominic's and is a member of the Society of Distinguished American High School Students and the Quill and Scroll Journalism Honor Society. He writes for the school newspaper and is a photographer for both the paper and the yearbook.

John is an accomplished organist and a member of the American Guild of Organists. He not only plays regularly at three different churches, John likes to repair organs as well.

He wants to attend Harvard or Clarkson to study electrical engineering.

Michael Nowak

Michael Nowak won his scholarship in the open competition. However, Michael's father, Joseph, was a Grumman engineer until his death in 1972.

Michael hopes to go to the University of Chicago or MIT to become a physicist. Number one in his class at John Glenn High School in Elwood, Michael is a writer and artist for the school newspaper. He has participated in the BOCES Gifted and Talented Program and has taken summer computer courses. He is also a member of the science club and Mathletes.

A National Merit Scholarship Program semi-finalist, Michael is a member of the National Honor Society. He also is a George Washington University engineering medal winner.

The Nowak family. *Anne (L) is rightly proud of her children. With her are daughter, Carol Jean (C) and Grumman scholar son Michael, who is currently number one in his class at John H. Glenn High School. Her sons Dennis and Thomas and daughters Jo Anne, Suzanne and Therese were not available for the family portrait.*

The winners from the open competition are:

Norman Eng

Norman Eng

High School: Sewanhaka, Floral Park. College: Massachusetts Institute of Technology (MIT) or Rennselaer Polytechnic Institute (RPI). Career goal: mechanical engineering. Awards: engineering medals from RPI and George Washington University. Activities: National Honor Society, Mathletes, newspaper and yearbook, student council, part-time job as engineering assistant.

Gerald Hershkowitz

Gerald Hershkowitz

High School: Plainedge. College: MIT. Career goal: computer engineering. Awards: RPI engineering medal, National Merit Scholarship Program semi-finalist, commendation from American Chemical Society. Activities: National Honor Society, computer club, newspaper and yearbook, soccer varsity, soccer coach for mentally handicapped team.

Paul Hoffmann

Paul Hoffmann

High School: Brentwood-Sonderling. College: Brown, Columbia or MIT. Career goal: electrical engineering/computer science. Awards: highest score in N.Y. Math League contest, George Washington University engineering medal, semi-finalist in National Merit Scholarship Program. Activities: student council president, newspaper, symphony orchestra, concert and jazz bands.

(Continued on page 8)

The Ranalli family. *Ernest (R), who is a section head in structural analysis, says his scholar daughter Loretta's (C) school, Our Lady of Mercy Academy, hasn't had a Grumman scholarship winner in recent years. Also in the family portrait are (from L): Andrew, Loretta and Ernest Jr. Thomas was not available for the family portrait.*

The Rogers family. *Allie Jr. (seated) can add winning a Grumman scholarship to his collection of victories in debating and tennis. His greatest fans are his family (from L) Adam, Allie Sr., who is a weights engineer, Marcia, Aimee and Anthony.*

A. Minutella | E. Braun | S. Damiani | J. Van Cuilenburg | R. Lertora | F. Elliot | G. Morris | C. Rodenburg | HJ. Devitt

service milestones

40

Donald J. Murphy, Final Assy. (1)
Albert U. Balsari, Corp. Contracts (5)
Walter O. Wilson, Assy. Methods & Plnng. (6)

35

Edward Jasuta, Config. Data Mgmt. (1)
Edward R. Brala, Final Assy. (2)
Thomas B. Richardson, Bus. Mgmt. & Admin. (2)
Edward L. DeMers, Bus. Mgmt. & Admin. (2)
George S. Furlong, Jig Details & Sub-Assy. (2)
Werner J. Langhauser, Mfg. Plnng. M/S (2)
Alex Polozoff, Center Sect-Final (3)
Anthony A. Fuori, Field Ops Serv. (5)
Andrew J. Breunig, BPA Q.C. Mgt/ Admin. (5)
John R. VanSant Jr., Q.C. Insp-Mech. (5)
Charles E. Scheffer, Matl. Ops. (6)
John J. Crochiere, Trans. Office (20)
John Pizzuti, Gen. Commod. (30)
William R. Harris, Gen. Acct. (30)
Joseph D. Cassese, Prod. M/S & Shop. (77)
John E. Meany, Prog. Contracts (77)

30

Rinaldo Costa, Aerodynamic Des. (5)
Mary A. Stilwell, Repro Servs. (15)
Robert J. Kopack, Invent. Plan & Anal. (30)
Gilbert T. Raynor, Struct. Mech. (35)
Joseph Glemboski, Purchasing (77)

25

John Wojtyna, Maint. Admin. (1)
Robert B. Soave, Environ. Control Des. (1)
Anthony Minutella, Major Assy. (2)
Ernest P. Braun, Fuselage Join. (2)
Sylvester J. Damiani, Jigs & Fixtures (2)
Jacob D. VanCuilenburg, Machine Shop (2)
Robert Lertora, Die Shop (2)
Peter D. Mirabella, Form Block (2)
Charles F. Koop, Mach. OP-Tech. Serv. (3)
William W. Kennard Jr., Model Shop (5)
Frank R. Elliot, Vech. Des. Proj. Mgt. (5)
George E. Morris, F-14 Sys. Test/Rig. (6)
Charles H. Rodenburg, Qual. Eng. (6)
John G. Devitt, Vech. Lab. Mgmt. (8)
George F. Collins, Repro Servs. (30)
Hyman R. Garnet, Matls. & Struct. Mech. (35)
Gertrude A. Haugwitz, Funct. & Proj. Admin. (35)
James V. LaSala, PMM-MIL & Space (40)
Paul J. Marcone, ILS Electronic Pack. (40)
Helma T. Connor, Mgmt. Personnel M/S (43)
Kenneth H. Speiser, Business Plnng. (43)
Victor H. Martorana, Mgmt. & Staff (56)
Reynolds P. Hall, Base Mgmt. (88)
Robert J. Nolan, Paymaster (111)
William J. Evans, Integration (286)
Daniel C. Postupack, Veh. Des. Proj. Mgt. (563)
Oscar H. Schaefer, Optical Tooling (2)
Robert O'Keeffe, Jigs & Fixtures (2)
Gasper L. Sala, Meas. Stds. Lab. (12)
Nicholas J. Peluso, Trans-Ops. (20)
Norma Conklin, Grumman Corp. (111)

20

Alphonsus C. Apuzzo, Composites & Adhesives (1)
Frank F. Magri, ILS Site Rqmts. (1)
Biaso Diccianni, ILS Resource Cntrl. (1)
Salvador F. D'Esposito, ILS Equip. Des. Eng. (1)
James M. Dante, Avionics Des. Proj. Mgt. (1)
Gordon T. Woodruff, Prog. Plnng. Cntrl & Budg. (1)
Kathleen A. Hauss, Config. Data Mgmt. (1)
Jacob K. Benner, Press (2)
James J. Doran, Small Parts Fab. (2)
Anthony L. Cipriani, Prototype (2)
James E. Dugger, Controls (2)
Eric O. Ohman, Steel Parts Assy. (2)
William Seda, Sub-Assy. Major (2)
Samuel W. Bryant, CTR Sect-Sub Assy. (2)
Charles J. Beers, Mech. Struct. & Proto. (2)
David S. Aitken Jr., Hull Assy. (2)
Albin J. Ettlinger, Final Assy. (2)
Eugene A. Finck, Stress Relieve & Hot Form (2)
Mary M. Hansen, Business Mgmt & Admin. (2)
John A. Wimbish, Prod. Cntl-Parts Cntrl. (2)
Frank J. Weber, Stockrooms (2)
Alfred E. Dague, Stockrooms (2)
Hugo Rella, Central Stor. & Retrieval (2)
Richard A. Holmes Jr., Proj. Mgmt. (2)
Peter H. Beckwith, Trans-Ops. (2)
William F. Gargiulo, Food Serv. (2)
John A. Cerra, Small Pars Fab. (3)
Frank F. Blachian, Details (3)
Ronald A. Sottung, Center Sect-Final. (3)
William L. Simpson, Prod. Superv. (3)
Forrest E. White Jr., Mach. Op-Tech. Serv. (3)
Frank W. Riegert, Mach. Op-Parts Ctl. (3)
John J. Hulse, Mach. Op-Parts Ctl. (3)
Harold W. Alston, Trans-Ops. (3)
John F. Miller, Maint-Rearrangement (3)
James Dolvin, Maint-Facil. Equip. & Gen. (3)
James D. Schnaderbeck, Flt. Avionics (4)
Julius Rodgers, Stockrooms (4)
Fred J. DeLucia, Corp. Instr. Flt. Data (4)
Stanley A. Winnicki, Wood Shop (5)
Caroline B. Aubrey, Supp. Equip. Prod. (5)
John F. Glaser Jr., Envir. Ctrl. & Test (5)
Anna F. Scotto, Repro Servs. (5)
Jerome Kirsch, Elect. Equip. Des. (5)
Thomas F. Doherty, Ops. Anal. (5)
Matthew J. Ferguson, Ops. Anal. (5)
Joseph W. Kucera Jr., Field Ops. Servs. (5)
Leo J. Fink, Prog. Plnng. Cntrl. & Budg. (5)
Robert E. Richter, Business Mgmt & Anal. (5)
Haig A. Manoogian, Public Affairs (5)
Charles Bumble Jr., Instr. Test (6)
Byron B. Terwilliger, Trans-Ops. (6)
Nicholas R. Del Piano, Maint-Rearrangement (6)
John B. Fleischman Sr., A6/EA6B Sys. Install-DA (6)
Richard T. Adams, A6/EA6B Sys. Install-DA (6)
Ronald H. Fagan, A6/EA6B Sys. (6)
Eugene G. Morton, EF111 Sys. Install-DA (6)
George G. Boyd, Support (6)
Edward J. Lawlor, Support (6)
Joseph A. Parisi, Support (6)
Alfred E. Harris III, Prod. Mgmt & Staff (6)
Dominick Commisso, Matl. Ops. (6)
Eilo M. Long, Matl. Ops. (6)
Paul C. Stein, Cal. Estimating (6)
John S. Ryan, Measurement Standards (6)
Louis W. Puccio, Final Assy. Insp. (6)
John C. Yeatman Jr., Lab. Ops. Insp. (6)
Carlos E. Martinez, Qual. Eng. (6)
Richard O. Wallner, Cal. Config. Data (6)
Vincent F. Thomas Jr., Corp. Instr. Sys. (7)
George D. Daly, Corp. Instr. Ops & Projs. (7)
William F. Dwyer, Matl. Ops. (7)
Joseph L. LeBlanc, Prop. & Fluid Sys. PRD Supp. (7)
Michael E. Spencer, RF Equip. Prod. Supp. (7)
Joseph J. Gillin, Electronic/Elect. PRD Supp. (7)
Edward A. Leonard, Flt. Ops. Insp. (7)
John A. Rego, Prog. Contracts (9)
Hardy L. Bailey, Maint-Rearrangement (12)
Edward R. Ruppel, Maint-Rearrangement (12)
Ernest J. Chombok, Maint-Rearrangement (12)
Santo J. Azzarello, Metallurgical Eng. (12)
Joseph G. Wahl Jr., Lab Mgmt & Tech. (14)
William P. Carvino, Repro Servs. (15)
Vivian M. Geer, Repro Servs. (15)
Raymond J. Yarsinske, ILS Tech. Writ. (15)
James N. Heasley, ILS Tech. Writ. (15)
Leslie Dowling, ILS Tech. Illus. (15)
Joseph Laskowski, Central Ship. Cntrl & Pkg. (17)
Edward G. Malone, B/P Warehouses (21)
Ethel W. Broughton, Gov't Matl. Cntrl (21)
Rose LoCicero, Distrib. Servs. (24)
Emilio S. Leto, PPO-E-2 (25)
Richard K. Lewis, ILS Dig. TPS Eng. (25)
George C. Backer, Cust. Supply Reqts. Mgt. (25)
Michael Solenick, Sys. Insteg. (25)
Theodore W. DeMund III, Safety & Maint. (25)
Michael J. Malison Jr., Elect. Equip. Des. (25)
George R. VanNess Jr., Config. Data Mgmt. (25)
Robert M. Coughlin, Config. Data Mgmt. (25)
Joseph Weiss, Config. Data Mgmt. (25)
Robert J. Gundersen, Research (26)
Edward R. Kern, Research (26)
Joseph Reichman, Matls & Struct. Mech. (26)
Ernest R. Simpson, Procurement Servs (30)
Joseph V. Scotto, Prog. Proc-M/S (30)
Charles J. Jacob, Gen. Commod. (30)
Harry C. Kantianis, Gen. Commod. (30)
Donald E. Moran, Pricing & Anal. (30)

Parents, take note

If someone in your family will soon be a college graduate, this personnel note is for you. At graduation, students' Grumman health insurance coverage under their parents' plan stops.

However, conversion policies are available. Written application for these policies must be made to the Travelers Insurance Company within 31 days of graduation.

Visit the Insurance department in Plant 28 for forms or additional information, or call Ext. (111)3146.

G. Collins

H. Garnet

G. Haugwitz

P. Marcone

H. Connor

K. Speiser

V. Martorana

R. Hall

R. Nolan

Howard Locker, Pricing & Anal. (30)
Florine Dean, Gen. Subcontracts (30)
Joseph P. Fraiole, Subcontractor Surveil. (30)
Frank E. Catalano, Tech. Reqmt. (30)
Radcliffe A. David, Tech. Reqmt. (30)
Henry Smith, Maint-Facil. Equip. & Gen. (30)
Jane Marino, Repro Servs. (30)
James E. Silvia, Clains & Adjustments (30)
Kenneth Frederick, Gen. Acct. (30)
Charles L. Young, Environ. Cntrl. (30)
Richard Kuhnapfel, Supplier Cntrl. (30)
John J. Cataldo, FAC Energy Conserv. (30)
Rudolph C. Barrow, ILS Auto Test Equip. Eng. (31)
Michael W. Mangino, ILS RF/Servo/Elec TPS Eng. (31)
John E. Nau, ILS Auto Test Equip. Eng. (31)
John E. Dennihy, Est. Resources (31)
Norbert E. Osiecki, Config. Data Mgmt. (31)
Joseph F. Grant, ILS Sys. Concepts (35)
Joseph V. Parisi, ILS Sys. Concepts (35)
Royal Scheiman, Info. Rec & Serv. (35)
Chenhsi Lee, Struct. Mech. (35)
William T. Pallack, Computer Sys. Ops. (35)
William P. Weaver, Avionics Des. M/S (35)
Charles R. Mascaro, ILS Sys. Concepts (35)
Seymour H. Winkler, ILS Sys. Concepts (35)
James B. Whiteside, Matl. & Struct. Mech. (35)
Donald G. Zager, Proj. Plnng. (35)
Gerald H. Sandler, Eng. M/S (35)
Robert J. Ragusa, Mfg. Prog. Mgt. (40)
Malcolm A. Jardine, Prog. Matl. Mgmt. (40)
John F. Bagorazzi, Prog. Matl. Mgmt. (40)
William J. Schneider, Prog. Matl. Mgmt. (40)
Carl J. Hoelzl, ILS Test Prog. Set Eng. Mgmt. (40)
Ivan J. Deane, Pwr. Plt. Des. (40)
Josef C. Wittenberg, Fluid Pwr/Pyrotech. (40)
Sol Boles, RAD Freq. Equip. Des Staff (40)
Douglas A. Frasier, Electronic Countermeasure (40)
William H. Wright Jr., Est. Resources (40)
William J. Resler, Prog. Contracts (40)
Edward L. Bugeja, ILS Dig. TPS Eng. (40)
Robert G. Knittel, ILS Auto Test Equip. Eng. (40)
Frank J. Antonnucci, Pl. Protection (43)
Dennis J. Winkler, Elect. Final Assy. Temp. (43)
Albert M. Treadwell, Insp. Mech. (43)
Robert R. Schwender, Prod. Cntrl. (43)
Raymond C. Finger Jr., Manufact. Plnng. M/S (43)
Clarence M. Robinson, Plnng. & Anal. (43)
Lawrence A. Castles, Maint-Rearrangement (44)
Willie M. Johnson, Prod. Superv. (44)
Thadeus W. Rydzewski, Invetn. Mgt. (44)
John T. Horan, Reliability (45)
James S. Van Nostrand Jr., Mfg. Ops. Mgt. (66)
Harold R. Sanders, Fuselage Assy. (77)
Stephen J. McGullam, Production (88)
William M. Kelly, Prog. Proc. Hydrofoil (105)
Thomas Burns, Log. Servs. (203)
Lawrence T. O'Brien, Supp. Sys. (276)
Donald B. Richroath, Prog. Plnng. Cntrl & Budg. (272)
Eugene A. Mack, Production (280)
Richard D. Metz, Air Frame Sys. (280)
Kenneth A. Riley, Supplier Cntrl. (287)
Andrew Ramotnik, Cnctr. Maint. Serv. (521)

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Richard V. Holsclaw, ILS Prog. Mgt. (1)
Earl F. St. John Jr., Wing Inner Panel & Combo (2)
Willis R. Newins, Bethpage Matl. Mgmt. M/S (2)
Joseph C. Stephan Jr., Bethpage Matl. Mgt. M/S (2)
Henry W. Hoeler Jr., Maint-Facil. Equip. & Gen. (2)
Harvis Keahey, Maint-Wast Dispos. & Grond. (2)
Mary R. Austin, Food Serv. (2)
John Novinski Jr., Maint. Indust. Cntrl (3)
Eric R. Meurer, Maint. Indust. Cntrl. (3)
Herbert L. Vines, Maint. Indust. Cntrl. (3)
Fred A. Blackley, Maint-Facil. Equip. & Gen. (4)
Samuel Abrahams, Ops. Anal. (5)
Buddy G. Robinett, Supp. Sys. (5)
Charles F. Gibson, Executive Staff (5)
Earl J. Haffey, Matl. Ops. (6)
Raymond J. DeFrese, Final Assy. Insp. (6)
Bernard Braun, Sys. Des. (14)
Raoul H. Dugre, ILS Pubs. Proj. Mgmt. (15)
Gasper Barresi, ILS Tech. Writ. (15)
David R. Anderson, ILS Tech. Writ. (15)
Adolph C. Pietranowicz, Pl. Protection (18)
Frederick J. Kochersberger, Trans-Ops. (20)
Stanley Holmes, Insp. Methods (24)
Gabriel D. Golam, Metallurgical Eng. (25)
Louis A. Guido, Dig. Tech. (25)
David Arlen, Computer Des. (25)
Heinz H. Schreiber, Avionics Des. M/S (25)
Michael C. Stauber, Nuclear & Astrophy. (26)
Alice J. Romano, Sub. Secretarial Prog. (28)
Oliver A. Johnson, Matl. Short. Cntl. (30)
Richard O. Hedrick, Dassault (77)
Peggy J. Timmerman, Elec. Sub Assy. (77)
Martin E. Dandridge, GAC St. Augustine (265)

D. Postupack

O. Schaefer

R. O'Keeffe

G. Sala

Theodore A. Augustine, Supp. Sys. (275)
David H. Pettit, Field Admin. & Liaison (279)
Robert W. Trybus, Aircraft Avionic Sys. (279)

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This issue of PLANE NEWS features those Grummanites who celebrated their service anniversaries in April. The next issue will feature this month's anniversarians.

N. Peluso

N. Conklin

scorecard

Stuart star

Art Hollwedel and his prize-winning woodcarving beat out all the other Grummanites and their entries in the annual Stuart Operations Hobby Show.

The exhibit judges voted Art's entry — a little bird carved from wood — as the best-in-show. There were plenty of ribbons passed out for the other hobbyists. Here are the (first and second place) winners:

Afghans — Maxine Kitay, Peggy Timmerman. *Artistic Misc.* — Harry Clements, Ed Britcher. *Ceramics/Fire* — Leslea Doyle, Doris Byrd. *Ceramics/Stain* — Judy Amacher, Art Hollwedel. *Collections* — Madelyn Lee. *Crocheting* — Veronica Sheltra.

Fine Arts — John Cosgrove, Charles Niglio. *Latch Hooking* — Carol Matthews. *Leathercraft* — Cal Bailey. *Macrame* — Beverly Evans, Pam Harless. *Model Boats* — Jack Arnold. *Model Planes/flying* — Gil Stallings, Wayne Kay. *Model Planes/non-flying* — Bob Van de Griek, Joe Nizza Jr. *Model Trains* — Ed Brticher.

Needlecraft — Henry Clements. *Needlepoint* — Nancy Rooker, Maxine Kitay. *Photography* — John Cosgrove. *Sewing* — Pam Harless, Valerie David. *Woodcarving* — Steve Wismann. *Woodcraft* — Robert Taylor, Cary Harless.

On the house

Mark Friday, May 20, on your calendar. Mike Calbot, one of golfdom's foremost trick shot artists, will be giving an exhibition and golf clinic behind Plant 2 during the lunch periods.

The show is being sponsored by Grumman Recreation and Chuck Workman's Pro Shop in Bethpage. It's free so come out and enjoy the show.

Boston runners

Five Grummanites made a trip to Boston for the annual Boston Marathon, and what a showing they made!

Don Schmidt set the pace with a time of two hours, 54 minutes. Tom Kelly and Robert Rennie each did the distance in 2:56; Dick Opsahl's time was 3:03 and Mel Gough's was 3:11.

Ten pin

The fourth annual Candlelight Bowling affair will take place on June 4 at Woodbury Lanes in Plainview. There's only room for 144 people so make your reservations early with Grumman Recreation, Ext. 2133.

'83 Scholars

(Continued from page 5)

Lydia Irby

Lydia Irby

High School: Lawrence, Cedarhurst. College: Stevens Institute of Technology. Career goal: electrical engineering. Awards: semi-finalist in National Achievement Scholarship Program for Outstanding Negro Students, Columbia Science Honors Program. Activities: engineering seminars at Stevens Institute and Northeastern University, represented Lawrence H.S. in *Newsday's* High School of Year Program, school band and badminton.

Joseph Rhatigan Jr.

Joseph Rhatigan Jr.

High School: Wantagh. College: Princeton. Career goal: physics. Awards: RPI engineering medal, National Merit Scholarship Program semi-finalist, Brown University Book Award. Activities: National Honor Society, Mathletes, football (captain-three years), and track.

Should any winner choose not to use the Grumman Scholarship, it would be passed to one of the four alternates chosen. They are: *Andrew Anselmo* of Bethpage High School . . . . *Michael Keirnan* of Sachem North High School, Lake Ronkonkoma. His dad, George, works in Plant 40 with ILS Engineering . . . . *Roderick McConnell* of North Shore High School, Glen Head . . . . and *Robert Santoro*, of JFK High School in Bellmore. His father, Robert, is a member of the Life Sciences group in Plant 39.

Andrew Anselmo

Michael Kiernan

Roderick McConnell

Robert Santoro

The Monaco family. *Carmine (standing, L), a specifications engineer, said he had no doubt his daughter, Cynthia (C), would win a Grumman scholarship. The rest of the family are: Louis (standing, R); (seated, from L) Marie, Jo-Ann and Pamella.*

The Whitson family. *Playing the organ is work and fun for Grumman scholar John (R), who plays for several churches. With him are (from L) his sister Mary and parents, Elizabeth and Charles, who is a stress engineer.*

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